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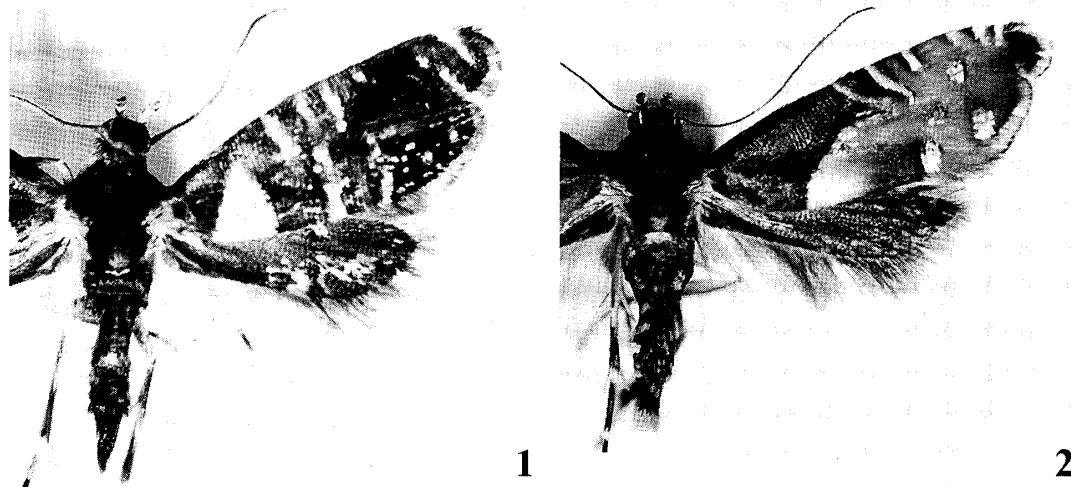
## Two New Species of *Glyphipterix* HÜBNER (Lepidoptera, *Glyphipterigidae*) from Thailand<sup>1, 2)</sup>

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In my previous paper (ARITA, 1983), I reported six species of *Glyphipterix* from Thailand. In this paper, I give descriptions of two additional species.

I wish express my thanks to Dr. S. MORIUTI, University of Osaka Prefecture, not only for his constant guidance, but also for his kindness in correcting the manuscript. I am indebted to my expedition member, Prof. H. KUROKO, the expedition leader, Dr. S. MORIUTI and Dr. Y. YOSHIYASU, for their interest, and to Dr. T. WONGSIRI, Mr. M. RUMAKON and Dr. A. LEWVANICH, of Department of Agriculture, Thailand, for their generous support during my stay in Thailand. I am grateful to Mr. S. HONMA for making the drawing of genitalia.



Figs. 1 - 2. *Glyphipterix* spp., right wings. 1. *G. yoshiyasui* sp. nov., holotype; 2. *G. latimaculata* sp. nov., holotype.

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*Glyptipterix yoshiyasui* sp. nov.

(Figs. 1, 3, 5)

♂ & ♀. Alar expanse 8.5–9.5 mm. Head glossy grey-fuscous; lateral part (beneath eye) snow-white. Antenna dark grey. Labial palpus depressed, curved; basal segment snow-white; median and terminal segment dark fuscous; imperfectly banded with white at middle and apex of median segment and at middle of terminal segment. Thorax and abdomen glossy grey-fuscous; tip of anal tuft white. Fore wing moderately narrow, dilated; costa gently curved; apex rounded; termen curved, indented below apex; dark fuscous; a triangular creamy-yellow blotch on 1/3 of dorsum nearly reaching costa; a leaden-metallic streak from costa before middle, reaching 1/3 across wing; a long streak from costa to dorsum at middle, the costal 1/3 being yellow, and the dorsal 2/3 being leaden-metallic; a rather short leaden-metallic streak beyond middle of costa; a short leaden-metallic streak on 2/3 of costa; a snow-white streak from dorsum before apex, tapering; a narrow leaden-metallic streak from termen below apex, nearly reaching costa; a large irregular black blotch along termen to tornus, sprinkled with creamy-yellow scales, with four leaden-metallic dots within the blotch; cilia grey, with basal half greyish-fuscous, cut by a white dash below apex. Hind wing greyish-fuscous; cilia grey.

*Male genitalia* (Fig. 3). Tegumen rather slender, triangular. Tuba analis very long. Anellus very small. Vinculum wide, strongly concaved at anterior margin, forming a pair of rounded lobes on each side. Saccus absent. Valva rather broad, the apical half being elongate-triangular; apex not pointed; inner surface finely and rather sparsely haired over apical 5/6. Aedeagus rather short, narrow; cornutus a somewhat short, slender tube.

*Female genitalia* (Fig. 5). Papilae anales rather wide, top protruded. Postapophysis clearly longer than antapophysis. Antrum large, cup-shaped; ductus bursae short and slender, weakly sclerotized. Corpus bursae elongate, without signum.

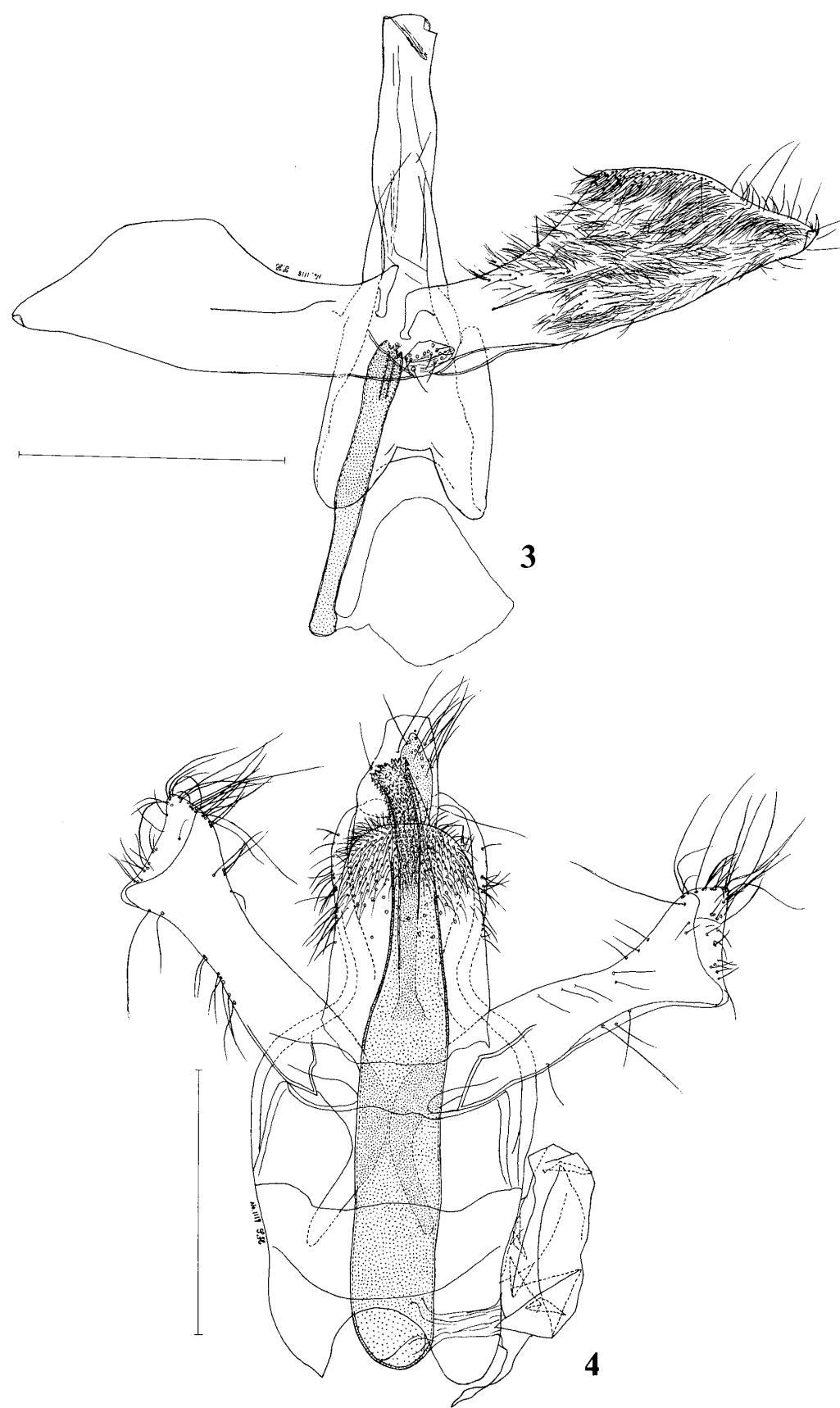
Holotype: ♂, Thailand, Nakhon Nayok, Khao Yai (*ca* 800 m), 22. VI. 1983 (KUROKO, MORIUTI, ARITA & YOSHIYASU), genitalia slide no. 1118 YA, in the collection of the Entomological Laboratory, University of Osaka Prefecture, Sakai. Paratypes: 1 ♀, the same locality as holotype, 20. VI. 1983; 1 ♂, 1 ♀, the same locality, 21. VI. 1983, genitalia slide no. ♂ 1117 YA; 1 ♂, 7 ♀, the same data as holotype, genitalia slide nos. ♀ 1123 YA, ♀ 1124 YA, ♀ 1125 YA. 1 ♂, 8 ♀, in coll. of Ent. Lab., Univ. Osaka Prefec. and 1 ♂, 1 ♀, in the Entomology and Zoology Division, Department of Agriculture, Thailand.

Remarks: This species is somewhat similar to *G. angoonae* ARITA from Thailand, but differs from it in the forewing with the broader costal triangular blotch creamy-yellow instead of lemon-yellow. The genitalia of both sexes are quite different between them.

The specific name *yoshiyasui* is dedicated to Dr. Y. YOSHIYASU, Kyoto Prefectural University, who is the first collector of the Thai species.

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Figs. 3-4. *Glyptipterix* spp., male genitalia. 3. *G. yoshiyasui* sp. nov., holotype; 4. *G. latimaculata* sp. nov., holotype. (Scale line=0.5 mm).

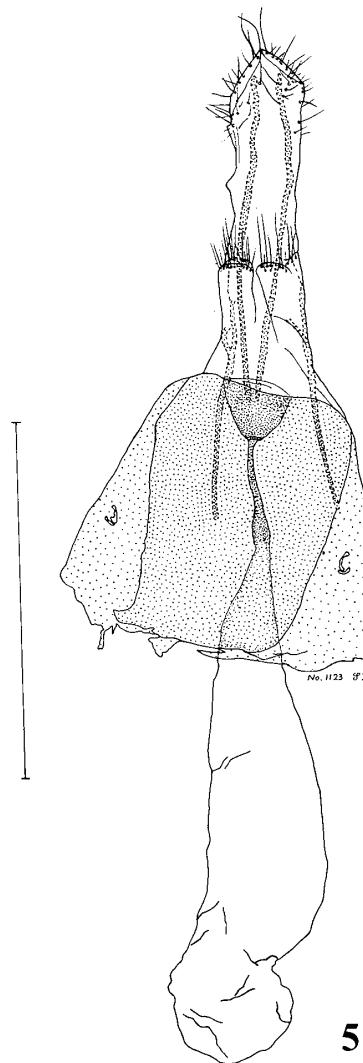


Fig. 5. Female genitalia of *G. yoshiyasui* sp. nov., paratype, genitalia slide no. 1123 YA. (Scale line=1.0 mm).

***Glyptapterix latimaculata* sp. nov.**  
(Figs. 2, 4)

♂. Alar expanse 13.5 mm. Head greyish-fuscous; lateral part (beneath eye) snow-white. Antenna and thorax greyish-fuscous. Labial palpus depressed, gently curved; dark fuscous; basal segment snow-white; median segment with three snow-white bands at base, middle and apex, the basal one being broad, occupying about basal 1/3; terminal segment with two snow-white band at middle and before apex. Fore wing rather narrow; costa rather straight; apex rounded; termen oblique, indented below apex; colouration divided transversely into greyish-fuscous basal half and orange distal half, the boundary of two parts running from basal 1/2 of costa to 1/3 of dorsum; apical area dark fuscous; a broad, obliquely curved white streak from dorsum at 1/3, upper half becoming slenderer, reaching 3/5 across wing, and leaden-metallic; six short white streaks from costa, margined with dark brown

posteriorly, the 2nd terminating in a leaden-metallic line and 3rd, 4th and 5th with a leaden-metallic dot, respectively, the 1st from a little before middle, tinged with dark orange, the 2nd from middle, longest, reaching 2/5 across wing, the 3rd beyond middle, the 4th shortest; the outer three streaks approximated; a leaden-metallic spot on dorsum before tornus, margined with blackish-brown anteriorly; a leaden-metallic spot on tornus; two leaden-metallic spots on disc, one at about 2/3, slightly nearer to dorsal margin than to costal margin, and the other at 4/5 situated near costal margin; a small leaden-metallic spot on termen below apex; cilia grey, with dark fuscous median line; (outer half missing). Hind wing fuscous; cilia greyish-fuscous.

*Male genitalia* (Fig. 4). Tegumen broad, top rounded, both sides with short hairs. Tuba analis very short and broad. Anellus well developed, large and broad, with rounded apical margin; apical 1/3 set with fine hairs. Vinculum very broad, with anterior margin strongly concaved at middle. Saccus absent. Valva narrow, weakly constricted at about posterior 3/5, and dilated distally; dorso-distal part sparsely set with long hairs. Aedeagus long, stout; apical 1/3 narrowed apically, apical part with many denticles; cornutus tubular, about 2/5 as long as aedeagus.

♀. Unknown.

Holotype: ♂, Thailand, Nakhon Nayok, Khao Yai (*ca* 800 m), 16. VI. 1983 (KUROKO, MORIUTI, ARITA and YOSHIYASU), genitalia slide no. 1119 YA, in the collection of the Entomological Laboratory, University of Osaka Prefecture.

Remarks: This relatively large species is typical of the genus in colour and markings. However, it is characterized by the valva with dilated distal part and the broad vinculum with strongly concave posterior margin.

## Reference

ARITA, Y. 1983. Six New Species of *Glyphipterix* HÜBNER (Lepidoptera, Glyphipterigidae) from Thailand. *Tyō to Ga*, 33: 149–156.

## 摘要

タイ産 *Glyphipterix* 属（鱗翅目、ホソハマキモドキガ科）の 2 新種（有田 豊）

先に私の報文でタイから *Glyphipterix* 属に所属する 6 種を報告した(ARITA, 1983)。1983 年のタイでの調査で、さらに 2 新種が得られそれらを記載した。すなわち以下の 2 種である。

*Glyphipterix yoshiyasui* sp. nov.

*Glyphipterix latimaculata* sp. nov.